

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A ~~recording~~computer readable medium having a data structure for managing reproduction of at least still images recorded on the ~~recording~~computer readable medium, comprising:

an information file area including at least one information file, the information file associated with a data file recorded on the ~~recording~~computer readable medium, the data file including at least video data, and the information file including a type indicator indicating whether the video data in the data file is for at least one still image; and

a data area storing the data file, wherein the information file further includes a length indicator indicating a length of the information file subsequent to the length indicator,

the video data in the data file is recorded as one or more packetized elementary stream packets,

each still image in the data file is recorded as a packetized elementary stream packet, ~~and only one still image is represented by each packetized elementary stream packet in the data file~~and

wherein the information file further includes mapping information, the mapping information mapping address information to a presentation time for the at least one still image.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Currently Amended) The computer readable~~recording~~ medium of claim 1, wherein each packetized elementary stream packet includes at least one source packet.

6. (Currently Amended) The computer readable~~recording~~ medium of claim 5, wherein each source packet includes at least one transport packet.

7. (Canceled)

8. (Canceled)

9. (Currently Amended) The computer readable~~recording~~ medium of claim 1, wherein the video data of the data file represents a still image and is recorded in the data area interleaved with other data.

10. (Currently Amended) The computer readable~~recording~~ medium of claim 9, wherein the other data is at least one of movie data and audio data.

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Currently Amended) A method of reproducing a data structure for managing reproduction of at least still images recorded on a recording medium, comprising:

reproducing at least one information file from the recording medium, the information file associated with a data file recorded on the recording medium, the data file including at least video data, and the information file including a type indicator indicating whether the video data in the data file is for at least one still image;

wherein storing the data file is stored in a data area;

~~recording the video data~~ is recorded in the data file as one or more packetized elementary stream packets; ~~and~~

~~recording each still image~~ is recorded in the data file as a packetized elementary stream packet, and

wherein the information file further includes a length indicator indicating a length of the information file subsequent to the length indicator, ~~and~~

~~only one still image is represented by each packetized elementary stream packet in the data file~~ and

wherein the information file further includes mapping information, the mapping information mapping address information to a presentation time for the at least one still image.

18. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of at least still images recorded on a recording medium, comprising:

~~an optical reproducing device~~a pick up configured to reproduce data recorded on the recording medium;

a controller configured to control the ~~optical reproducing device~~pick up to reproduce at least one information file from the recording medium, the information file associated with a data file recorded on the recording medium, the data file including at least video data, and the information file including a type indicator indicating whether the video data in the data file is for at least one still image; and

~~a data area storing the data file~~, wherein the information file further includes a length indicator indicating a length of the information file subsequent to the length indicator,

the video data in the data file is recorded as one or more packetized elementary stream packets,

each still image in the data file is recorded as a packetized elementary stream packets, ~~and only one still image is represented by each packetized elementary stream packet in the data file~~and

wherein the information file further includes mapping information, the mapping information mapping address information to a presentation time for the at least one still image.

19. (Currently Amended) A method of recording a data structure for managing reproduction of at least still images recorded on a recording medium, comprising:

recording at least one information file on the recording medium, the information file associated with a data file recorded on the recording medium, the data file including at least

video data, and the information file including a type indicator indicating whether the video data in the data file is for at least one still image;

~~wherein storing the data file is stored in a data area;~~

~~recording the video data is recorded in the data file as one or more packetized elementary stream packets;~~ and

~~recording each still image is recorded in the data file as a packetized elementary stream packet,~~

wherein the information file further includes a length indicator indicating a length of the information file subsequent to the length indicator, and

~~only one still image is represented by each packetized elementary stream packet in the data file~~and

wherein the information file further includes mapping information, the mapping information mapping address information to a presentation time for the at least one still image.

20. (Currently Amended) An apparatus for recording a data structure for managing reproduction of at least ~~multiple reproduction path video data~~still images recorded on a recording medium, comprising:

a pick up ~~optical recording device~~configured to record data on the recording medium;

~~an encoder for encoding at least multiple reproduction path video data;~~ and

a controller configured to control the ~~optical recording device~~pick up to record at least one information file on the recording medium, the information file associated with a data file recorded on the recording medium, the data file including at least video data, and the information file including a type indicator indicating whether the video data in the data file is for at least one still image, and

a data area storing the data file, wherein the information file further includes a length indicator indicating a length of the information file subsequent to the length indicator,

the video data in the data file is recorded as one or more packetized elementary stream packets,

each still image in the data file is recorded as a packetized elementary stream packets, ~~and only one still image is represented by each packetized elementary stream packet in the data file~~ and

wherein the information file further includes mapping information, the mapping information mapping address information to a presentation time for the at least one still image.

21. (New) The method of claim 17, wherein each packetized elementary stream packet includes at least one source packet and each source packet includes at least one transport packet.

22. (New) The method of claim 17, wherein the video data of the data file represents a still image and is recorded in the data area interleaved with other data.

23. (New) The method of claim 22, wherein the other data is at least one of movie data and audio data.

24. (New) The apparatus of claim 18, wherein each packetized elementary stream packet includes at least one source packet and each source packet includes at least one transport packet.

25. (New) The apparatus of claim 18, wherein the video data of the data file represents a still image and is recorded in the data area interleaved with other data.

26. (New) The apparatus of claim 25, wherein the other data is at least one of movie data and audio data.

27. (New) The method of claim 19, wherein each packetized elementary stream packet includes at least one source packet and each source packet includes at least one transport packet.

28. (New) The method of claim 19, wherein the video data of the data file represents a still image and is recorded in the data area interleaved with other data.

29. (New) The method of claim 28, wherein the other data is at least one of movie data and audio data.

30. (New) The apparatus of claim 20, wherein each packetized elementary stream packet includes at least one source packet and each source packet includes at least one transport packet.

31. (New) The apparatus of claim 20, wherein the video data of the data file represents a still image and is recorded in the data area interleaved with other data.

32. (New) The apparatus of claim 31, wherein the other data is at least one of movie data and audio data.